

CLAIMS

1/ A system for conserving a liquid substance (L) in a flexible receptacle (1), said substance being liable to be degraded and/or contaminated on contact with ambient air, the system being characterized in that it comprises a solid insert (3) whose outer envelope substantially matches the inside shape of the receptacle (1) in which the insert is immersed at least in part, said insert providing protective treatment by making contact with said substance (L) over a large interchange area.

2/ A system according to claim 1, characterized in that the insert (3) is elastically deformable and its volume is substantially equal to the inside volume of the receptacle (1).

3/ A system according to claim 1, characterized in that the insert (3) is rigid, and its volume is determined as a function of the inside volume of the receptacle (1) in such a manner as to limit compression of the receptacle and thus limit the size of the dose of substance (L) that can be dispensed.

4/ A system according to any preceding claim, characterized in that the geometry of the insert (3) is determined so as to leave at least one preferred zone for deformation of the wall (1a, 1b) of the receptacle (1).

5/ A system according to claim 4, characterized in that said preferred zone for deformation is constituted by a peripheral groove (30) formed substantially halfway along the insert (3) and of dimensions that are appropriate for being held in the hand.

6/ A system according to any preceding claim,
characterized in that the insert (3) is made out of a
material that, on coming into contact with the substance

(L), presents action that is bactericidal and/or chemical, in particular antioxidant.

7/ A system according to any preceding claim,
5 characterized in that said insert (3) is made of a porous
or spongy material capable of being impregnated by the
liquid substance (L).

8/ A system according to claim 7, characterized in that
10 the porosity of the material constituting the insert lies
in the range 40% to 60%, and its pore diameter lies in
the range 5 μm to 60 μm .

9/ A system according to any preceding claim,
15 characterized in that said insert (3) is made as a single
piece.

10/ A system according to any one of claims 1 to 8,
characterized in that said insert (3) is made in the form
20 of a filling of a plurality of pieces.